

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017776.D
 Acq On : 27 Mar 2024 09:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024
 Supervised By :Semsettin Yesilyurt 03/28/2024

Quant Time: Mar 28 02:14:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	148088	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	236716	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	209362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67331	52.190	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.380%			
35) Dibromofluoromethane	7.722	113	71686	50.662	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.320%			
50) Toluene-d8	10.185	98	270631	49.974	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.940%			
62) 4-Bromofluorobenzene	12.489	95	85515	52.587	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	54140	42.347	ug/l	97
3) Chloromethane	2.119	50	79553	48.033	ug/l	98
4) Vinyl Chloride	2.260	62	99180	49.528	ug/l	98
5) Bromomethane	2.662	94	78908	50.467	ug/l	97
6) Chloroethane	2.802	64	68824	51.425	ug/l	98
7) Trichlorofluoromethane	3.131	101	103589	49.079	ug/l	95
8) Diethyl Ether	3.540	74	37117	53.340	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.906	101	70317	46.800	ug/l	99
10) Methyl Iodide	4.101	142	92029	50.106	ug/l	98
11) Tert butyl alcohol	4.966	59	21409	249.490	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	69005	48.825	ug/l	94
13) Acrolein	3.735	56	31971	309.084	ug/l	97
14) Allyl chloride	4.485	41	95560	49.892	ug/l	97
15) Acrylonitrile	5.168	53	78052	270.765	ug/l	99
16) Acetone	3.954	43	80275	355.745	ug/l	92
17) Carbon Disulfide	4.204	76	219375	46.389	ug/l	98
18) Methyl Acetate	4.485	43	30069	52.925	ug/l	96
19) Methyl tert-butyl Ether	5.235	73	164962	54.134	ug/l	95
20) Methylene Chloride	4.723	84	83056	50.610	ug/l	94
21) trans-1,2-Dichloroethene	5.229	96	81042	50.299	ug/l	99
22) Diisopropyl ether	6.131	45	218331	52.353	ug/l	99
23) Vinyl Acetate	6.064	43	671057	273.964	ug/l	97
24) 1,1-Dichloroethane	6.027	63	137600	50.199	ug/l	98
25) 2-Butanone	6.990	43	106877	277.904	ug/l	91
26) 2,2-Dichloropropane	6.984	77	115036	49.372	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	94352	51.771	ug/l	98
28) Bromochloromethane	7.344	49	57216	53.842	ug/l	94
29) Tetrahydrofuran	7.350	42	61611	255.464	ug/l	94
30) Chloroform	7.515	83	142874	50.279	ug/l	98
31) Cyclohexane	7.789	56	112144	43.950	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	122998	49.701	ug/l	99
36) 1,1-Dichloropropene	7.923	75	102405	46.845	ug/l	98
37) Ethyl Acetate	7.076	43	44611	53.109	ug/l	99
38) Carbon Tetrachloride	7.905	117	110646	48.340	ug/l	97
39) Methylcyclohexane	9.191	83	129807	46.258	ug/l	94
40) Benzene	8.167	78	326641	49.918	ug/l	99

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41) Methacrylonitrile	7.332	41	25079m	60.442	ug/l	
42) 1,2-Dichloroethane	8.246	62	79685	50.842	ug/l	98
43) Isopropyl Acetate	8.277	43	81076	48.804	ug/l	97
44) Trichloroethene	8.947	130	85755	50.103	ug/l	98
45) 1,2-Dichloropropane	9.222	63	73525	49.315	ug/l	98
46) Dibromomethane	9.313	93	43563	52.434	ug/l	99
47) Bromodichloromethane	9.502	83	109374	51.485	ug/l	98
48) Methyl methacrylate	9.295	41	38244	49.485	ug/l	94
49) 1,4-Dioxane	9.301	88	9119	1128.033	ug/l #	98
51) 4-Methyl-2-Pentanone	10.075	43	228732	255.966	ug/l	97
52) Toluene	10.252	92	205105	50.725	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	98982	53.277	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	118047	52.014	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	56877	53.515	ug/l	98
56) Ethyl methacrylate	10.514	69	74571	49.904	ug/l	96
57) 1,3-Dichloropropane	10.795	76	97119	53.052	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	190531	253.694	ug/l	99
59) 2-Hexanone	10.837	43	170485	270.558	ug/l	94
60) Dibromochloromethane	10.990	129	74262	52.238	ug/l	100
61) 1,2-Dibromoethane	11.093	107	53770	53.888	ug/l	98
64) Tetrachloroethene	10.728	164	94069	48.585	ug/l	97
65) Chlorobenzene	11.520	112	222332	49.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	76694	50.960	ug/l	100
67) Ethyl Benzene	11.599	91	385601	49.819	ug/l	98
68) m/p-Xylenes	11.709	106	305917	101.886	ug/l	100
69) o-Xylene	12.032	106	142142	51.853	ug/l	98
70) Styrene	12.051	104	244303	53.547	ug/l	99
71) Bromoform	12.215	173	42544	53.676	ug/l #	99
73) Isopropylbenzene	12.337	105	358708	47.589	ug/l	99
74) N-amyl acetate	12.148	43	72362	46.856	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	59457	51.230	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	44808m	48.609	ug/l	
77) Bromobenzene	12.617	156	86771	50.562	ug/l	98
78) n-propylbenzene	12.678	91	435301	47.707	ug/l	99
79) 2-Chlorotoluene	12.764	91	241378	48.240	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	288618	48.913	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	20850	52.265	ug/l	96
82) 4-Chlorotoluene	12.861	91	246026	47.921	ug/l	98
83) tert-Butylbenzene	13.081	119	256837	48.099	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	288888	49.940	ug/l	99
85) sec-Butylbenzene	13.258	105	387950	48.476	ug/l	100
86) p-Isopropyltoluene	13.373	119	328551	49.444	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	169230	48.663	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	164549	49.289	ug/l	98
89) n-Butylbenzene	13.703	91	295948	49.229	ug/l	99
90) Hexachloroethane	13.965	117	64239	47.406	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	143069	49.664	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8040	52.490	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	77278	55.376	ug/l	98
94) Hexachlorobutadiene	15.117	225	44121	49.254	ug/l	99
95) Naphthalene	15.245	128	129092	50.025	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	64121	55.651	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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